In the Claims:

Please amend the claims to read as follows:

1. (Currently Amended) A catheter shaft assembly, comprising:

a first elongate shaft having an inner surface defining a lumen;

a second elongate shaft having an outer surface,

the second elongate shaft slidingly disposed within the lumen of the first elongate shaft; and

an interstitial member disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft,

the interstitial member having a proximal end, a distal end, an inner surface, and an outer surface,

the inner surface of the interstitial member facing a portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member,

the second elongate shaft slidable within and independent of the interstitial member, and

the inner surface of the interstitial member shaped to engage only a portion of the portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member.

2. (Original) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a projection extending beyond the outer surface of the second elongate shaft.

3. (Withdrawn) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a projection extending beyond the inner surface of the first elongate shaft.

4. (Withdrawn) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a coil.

5. (Withdrawn) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a coil disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft.

6. (Withdrawn) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a radial rib extending beyond the inner surface of the first elongate shaft.

7. (Withdrawn) The catheter shaft assembly of claim 1, wherein the at least one interstitial member comprises a plurality of longitudinal ribs extending beyond the inner surface of the first elongate shaft.

8. (Currently Amended) A catheter, comprising:

a first elongate shaft having an inner surface defining a lumen;

a second elongate shaft having an outer surface,

the second elongate shaft slidingly disposed within the lumen of the first elongate shaft;

an interstitial member disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft

the interstitial member having a proximal end, a distal end, an inner surface, and an outer surface,

the second elongate shaft slidable within and independent of the interstitial member,

the inner surface of the interstitial member facing a portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member, and

the inner surface of the interstitial member shaped to engage only a portion of the portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member;

a housing coupled to the first elongate shaft proximate the proximal end thereof;

a slider disposed about the second elongate shaft proximate a proximal portion thereof

wherein the slider is disposed within a chamber defined by the housing.

9. (Original) The catheter of claim 8, wherein the at least one interstitial member comprises a projection extending beyond the outer surface of the second elongate shaft.

10. (Withdrawn) The catheter of claim 8, wherein the at least one interstitial member comprises a projection extending beyond the inner surface of the first elongate shaft.

11. (Withdrawn) The catheter of claim 8, wherein the at least one interstitial member comprises a coil.

12. (Withdrawn) The catheter of claim 8, wherein the at least one interstitial member comprises a coil disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft.

13. (Withdrawn) The catheter of claim 8, wherein the at least one interstitial member comprises a radial rib extending beyond the inner surface of the first elongate shaft.

14. (Withdrawn) The catheter of claim 8, wherein the at least one interstitial member comprises a plurality of longitudinal ribs extending beyond the inner surface of the first elongate shaft.

15. (Currently Amended) A catheter shaft assembly, comprising:

a first elongate shaft having an inner surface defining a lumen;

a second elongate shaft having an outer surface,

the second elongate shaft slidingly disposed within the lumen of the first elongate shaft;

an interstitial member disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft

the interstitial member having a proximal end, a distal end, an inner surface, and an outer surface,

the inner surface of the interstitial member facing a portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member, and

the inner surface of the interstitial member shaped to engage only a portion of the portion of the outer surface of the second elongate shaft between the proximal and distal ends of the interstitial member;

a housing disposed about the first elongate shaft proximate the proximal end thereof;

a slider disposed about the second elongate shaft proximate a proximal portion thereof

wherein the slider is disposed within a chamber defined by the housing;

a plurality of indicia disposed upon a surface of the housing proximate the slider;

the second elongate shaft forming a point at the distal end thereof;

the second elongate shaft defining an injection port proximate the point thereof; and

the second elongate shaft defining an injection lumen in fluid communication with the injection port;

~~the injection lumen being in fluid communication with a fluid source; and~~

~~wherein the fluid source is capable of injection fluid into the injection lumen of the second elongate shaft~~.

16. (Allowed) The catheter of claim 15, wherein the at least one interstitial member comprises a projection extending beyond the outer surface of the second elongate shaft.

17. (Withdrawn) The catheter of claim 15, wherein the at least one interstitial member comprises a projection extending beyond the inner surface of the first elongate shaft.

18. (Withdrawn) The catheter of claim 15, wherein the at least one interstitial member comprises a coil.

19. (Withdrawn) The catheter of claim 15, wherein the at least one interstitial member comprises a coil disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft.

20. (Currently Amended) A catheter shaft assembly, comprising:

a first elongate shaft having an inner surface defining a lumen;

a second elongate shaft slidingly disposed within the lumen of the first elongate shaft;

at least one interstitial member disposed between the inner surface of the first elongate shaft and the outer surface of the second elongate shaft, wherein the at least one interstitial member comprises a radial rib extending beyond the inner surface of the first elongate shaft;

a housing disposed about the first elongate shaft proximate the proximal end thereof;

a slider disposed about the second elongate shaft proximate a proximal portion thereof wherein the slider is disposed within a chamber defined by the housing;

a plurality of indicia disposed upon a surface of the housing proximate the slider;

the second elongate shaft forming a point at the distal end thereof;

the second elongate shaft defining an injection port proximate the point thereof; and

the second elongate shaft defining an injection lumen in fluid communication with the injection port;

~~the injection lumen being in fluid communication with a fluid source; and~~

~~wherein the fluid source is capable of injection fluid into the injection lumen of the second elongate shaft~~.